L Number	Hits	Search Text	DB	Time stamp
Number1	3213	(524/176,398,399,413,440).CCLS.	USPAT;	2004/02/23
		(1504 /676 000 200 412 440) GGTG) and	US-PGPUB	10:11 2004/02/23
2	155	((524/176,398,399,413,440).CCLS.) and (electrolumines\$5 or lumines\$5 or	USPAT; US-PGPUB	10:12
		fluores\$5 or photolumines\$5 or (light	05 16195	10112
•		with (emit\$5 or emiss\$5)))		
3	86257	(electrolumines\$5 or lumines\$5 or	USPAT;	2004/02/23
		fluores\$5 or photolumines\$5 or (light	US-PGPUB	10:43
		<pre>with (emit\$5 or emiss\$5))) and (magnet\$5 or paramagnet\$5 or ferromagnet\$5 or</pre>		
		antiferromagnet\$5)		
4	28	(((524/176,398,399,413,440).CCLS.) and	USPAT;	2004/02/23
_		(electrolumines\$5 or lumines\$5 or	US-PGPUB	10:13
		fluores\$5 or photolumines\$5 or (light	İ	
		with (emit\$5 or emiss\$5)))) and ((electrolumines\$5 or lumines\$5 or		
		fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5))) and (magnet\$5		
		or paramagnet\$5 or ferromagnet\$5 or		
_		antiferromagnet\$5))	110520	2004/02/23
5	12,7	(((524/176,398,399,413,440).CCLS.) and (electrolumines\$5 or lumines\$5 or	USPAT; US-PGPUB	10:13
		fluores\$5 or photolumines\$5 or (light	05 10102	10.13
		with (emit\$5 or emiss\$5)))) not		
		((electrolumines\$5 or lumines\$5 or		
		fluores\$5 or photolumines\$5 or (light		
0.		<pre>with (emit\$5 or emiss\$5))) and (magnet\$5 or paramagnet\$5 or ferromagnet\$5 or</pre>		
		antiferromagnet\$5))		
6	9955	(magnet\$5 or paramagnet\$5 or	USPAT;	2004/02/23
		ferromagnet\$5 or antiferromagnet\$5) same	US-PGPUB	10:41
		(doping or dopant or dope or doped or impurit\$5)		
7	1638	((electrolumines\$5 or lumines\$5 or	USPAT;	2004/02/23
'		fluores\$5 or photolumines\$5 or (light	US-PGPUB	10:14
		with (emit\$5 or emiss\$5))) and (magnet\$5		
		or paramagnet\$5 or ferromagnet\$5 or antiferromagnet\$5)) and ((magnet\$5 or		
		paramagnet\$5 or ferromagnet\$5 or		
		antiferromagnet\$5) same (doping or dopant		
		or dope or doped or impurit\$5))		
8.	191		USPAT;	2004/02/23
		fluores\$5 or photolumines\$5 or (light with (emit\$5 or emiss\$5))) same	US-PGPUB	10:14
		((magnet\$5 or paramagnet\$5 or		
	· ·	ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or		
	101	<pre>impurit\$5)) ((electrolumines\$5 or lumines\$5 or</pre>	USPAT;	2004/02/23
9	191	fluores\$5 or photolumines\$5 or (light	US-PGPUB	10:14
		with (emit\$5 or emiss\$5))) same		
	-	((magnet\$5 or paramagnet\$5 or		
		ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or impurit\$5))) not		
		(((524/176,398,399,413,440).CCLS.), and		,
		(electrolumines\$5 or lumines\$5 or	İ	
		fluores\$5 or photolumines\$5 or (light		
10	6155	with (emit\$5 or emiss\$5)))) ((428/690) or (252/301.16,301.18,700) or	USPAT;	2004/02/23
10	0133	(428/690) 61 (232/301.10,301.10,700) 61 (257/40,80,87,101,102,103) or	US-PGPUB	10:15
		(438/3,45,99,800,917)).CCLS.		
11	90	(((428/690) or (252/301.16,301.18,700) or	USPAT;	2004/02/23
		(257/40,80,87,101,102,103) or (438/3,45,99,800,917)).CCLS.) and	US-PGPUB	10:15
	1	((magnet\$5 or paramagnet\$5 or		
		ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or		
	1	impurit\$5))		

	1 '	/////20/COON on /252/201 16 201 10 700\	USPAT;	2004/02/23
12	75	((((428/690) or (252/301.16,301.18,700) or (257/40,80,87,101,102,103) or	US-PGPUB	10:37
		(438/3,45,99,800,917)).CCLS.) and		
		((magnet\$5 or paramagnet\$5 or	-	
		ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or		*
		impurit\$5))) not		
		((((524/176,398,399,413,440).CCLS.) and (electrolumines\$5 or lumines\$5 or		+
		fluores\$5 or photolumines\$5 or (light]
		with (emit\$5 or emiss\$5)))) or		
		((electrolumines\$5 or lumines\$5 or		
	9	fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5))) same		
		((magnet\$5 or paramagnet\$5 or		
		ferromagnet\$5 or antiferromagnet\$5) same	. 3	
-		<pre>(doping or dopant or dope or doped or impurit\$5))))</pre>		
14	75	((((428/690) or (252/301.16,301.18,700)	USPAT;	2004/02/23
1.7	'5	or (257/40,80,87,101,102,103) or	US-PGPUB	10:16
] !	(438/3,45,99,800,917)).CCLS.) and		
		((magnet\$5 or paramagnet\$5 or		
		ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or		
		impurit\$5))) not ((((524/176,398,399,413,440).CCLS.) and		
		(electrolumines\$5 or lumines\$5 or		
		fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5)))) or		,
		((electrolumines\$5 or lumines\$5 or		*
		fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5))) same	*	
		((magnet\$5 or paramagnet\$5 or ferromagnet\$5 or antiferromagnet\$5) same		
		(doping or dopant or dope or doped or		
		impurit\$5))))		
13	15	((((428/690) or (252/301.16,301.18,700)	USPAT;	2004/02/23
	•	or (257/40,80,87,101,102,103) or	US-PGPUB	10:17
		(438/3,45,99,800,917)).CCLS.) and		
		((magnet\$5 or paramagnet\$5 or ferromagnet\$5) same		
		(doping or dopant or dope or doped or		
		impurit\$5))) and		
		((((524/176,398,399,413,440).CCLS.) and		
		(electrolumines\$5 or lumines\$5 or		
		fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5)))) or		
		((electrolumines\$5 or lumines\$5 or fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5))) same		
		((magnet\$5 or paramagnet\$5 or		
		ferromagnet\$5 or antiferromagnet\$5) same	-	
		(doping or dopant or dope or doped or		
125	1070	impurit\$5))))	IICDAM -	2004/02/23
15	1070	spin adj lattice	USPAT; US-PGPUB	10:37
16	1	(spin adj lattice) and	USPAT;	2004/02/23
+ 5		(((524/176,398,399,413,440).CCLS.) or	US-PGPUB	10:37
		(((428/690) or (252/301.16,301.18,700) or		
		(257/40,80,87,101,102,103) or		
		(438/3,45,99,800,917)).CCLS.))	TIGD? T	2004/02/22
17	3303	(spin or lattice) with relax\$6	USPAT; US-PGPUB	2004/02/23
18	79	((spin or lattice) with relax\$6) and	USPAT;	2004/02/23
1.0	13	(((524/176,398,399,413,440).CCLS.) or	US-PGPUB	10:38
		(((428/690) or (252/301.16,301.18,700) or		*
		(257/40,80,87,101,102,103) or		
		(438/3,45,99,800,917)).CCLS.))		0004/00/00
19	218	spin adj flip	USPAT;	2004/02/23
			US-PGPUB	10:39

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		/in adi flin\ and	USPAT;	2004/02/23
22	2	(spin adj flip) and (((524/176,398,399,413,440).CCLS.) or	US-PGPUB	10:40
		(((324/176,398,399,413,440).cclls.) or (((428/690) or (252/301.16,301.18,700) or	OS FGF OB	10.10
		((428/690) OF (232/301.10,301.10,700) OF		
÷		(257/40,80,87,101,102,103) or		
	4.500	(438/3, 45, 99, 800, 917)).CCLS.))	USPAT;	2004/02/23
23	4609	flip with rate	US-PGPUB	10:40
				2004/02/23
24	2	(flip with rate) and	USPAT;	
6		(((524/176,398,399,413,440).CCLS.) or	US-PGPUB	10:41
		(((428/690) or (252/301.16,301.18,700) or		
		(257/40,80,87,101,102,103) or		
		(438/3,45,99,800,917)).CCLS.))	i	
25	554767	magnet\$5 or paramagnet\$5 or ferromagnet\$5	USPAT;	2004/02/23
	•	or antiferromagnet\$5	US-PGPUB	10:41
. 26	124375	conjugat\$6 or polyphenylenevinylene or	USPAT;	2004/02/23
		phenylenevinylene or ((polyphenylene or	US-PGPUB	10:43
		phenylene) adj vinylene) or ppv		
27	31937	(magnet\$5 or paramagnet\$5 or	USPAT;	2004/02/23
	İ	ferromagnet\$5 or antiferromagnet\$5) and	US-PGPUB	10:42
		(conjugat\$6 or polyphenylenevinylene or	'	
		phenylenevinylene or ((polyphenylene or		
		phenylene) adj vinylene) or ppv)		
28	19797	(conjugat\$6 or polyphenylenevinylene or	USPAT;	2004/02/23
	·	phenylenevinylene or ((polyphenylene or	US-PGPUB	10:43
	•	phenylene) adj vinylene) or ppv) and		
		((electrolumines\$5 or lumines\$5 or		·
		fluores\$5 or photolumines\$5 or (light		
		with (emit\$5 or emiss\$5))) and (magnet\$5		-
		or paramagnet\$5 or ferromagnet\$5 or		
		antiferromagnet\$5))		·
		direct of the direct of the	L	